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Via facsimile 1.571.273.8300

February 9, 2006

Re: Our File: 55789.2
Invention: AIRBORNE ELECTROMAGNETIC TIME DOMAIN
SYSTEM, COMPUTER PRODUCT AND METHOD
Application No.: 10/716,813
Filed: November 20, 2003
Country: United States
Inventor: Edward Beverly Morrison, et al.
Examiner: Tyrone D. Jackson
Art Unit: 2862
Due Date: February 9, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
U.S.A.

Dear Sir/Madams:

Agent for Applicant acknowledges receipt of the Office Action dated September 9, 2005
and responds as follows:

Amendments to the claims are reflected in the listing of claims which begins on page 2
of this paper.

Amendments to the specification are reflected on page 12 of this paper.

Amendment to the drawings is on the amended sheet attached.

Remarks/Arguments begin on page 14 of this paper.

REMARKS

Agent for Applicant presents previously presented claims 4, 6-10, 13, 17-21, currently amended claims 1, 3, 5, 12, 15, 16, 22-29, and new claims 30-35 for reconsideration by the Examiner. If any additional fees are required for the new claims or otherwise, Agent for Applicant hereby authorizes the Office to deduct the requisite amount from U.S. Deposit Account No. 502,385.

Specification

The Examiner identified several informalities in the disclosure. Accordingly, Agent for Applicant submits the appropriate corrections by way of the amendments listed above.

Drawings

The Examiner objected to FIG. 8 because of a typographical error. Accordingly, Agent for Applicant attaches an amended FIG. 8 herein.

Claim Objections

The Examiner cited numerous claim objections relating to typographical errors and / or a perceived lack of antecedent in claims 3, 22, 23, and 24-28. Each of these claims has been amended to overcome the Examiner's objections.

Agent for Applicant brings to the Examiner's attention that the amendments above also include corrections for additional typographical errors and minor adjustments with respect to claim dependencies and antecedent language.

Claim Rejections

The Examiner rejected claims 1-12, 14-16, 18-21 and 23-27 on the basis of obviousness over the references Dzwincl, Mooney and Whitton. In response, Agent for Applicant respectfully submits that these prior art references, individually or in sum, do not disclose subject matter such that the present invention would have been obvious at the time the invention was made to a person having ordinary skill in the art, for the reasons stated below. Accordingly, Agent for Applicant respectfully submits that the claims, as amended above, are patentable over the cited references.

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Art Unit 2862


CONCLUSION:

In view of the foregoing amendments and remarks, the application is believed to be in condition for allowance and a notice to that effect is respectfully requested.

Should the Examiner not find the application to be in allowable condition or believe that a conference call would be of value in expediting the prosecution of the application, Applicant requests that the Examiner telephone the undersigned Counsel to discuss the case.

Applicant requests an opportunity to submit any Supplemental Amendment that might advance prosecution and place the application in allowable condition.

Yours faithfully,


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Encls.

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10-716,813

NOTICE REQUIRING EXTENSION OF TIME FEE
No New Time Period is Provided

Applicant's reply to the Office Action mailed on 9.9.05 was received in the Office on 2.9.06, which is after the expiration of the period for reply set in the Office action. The time period for reply continues to run from the mailing date of the Office action. This application will become ABANDONED unless applicant obtains an extension of time by filing a petition under 37 CFR 1.136(a) accompanied by the appropriate fee as set forth in 37 CFR 1.17(a)(1)-(5) within the maximum extendable time period for reply (e.g., six months for a reply to a non-final rejection).

The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee due. The expiration of the time period is determined by the amount of the fee paid. In no case may an applicant reply later than the maximum period of SIX (6) MONTHS statutory period or obtain an extension for more than FIVE (5) MONTHS beyond the date for reply set forth in an Office action.

- ☒ 1. The appropriate extension of time fee is missing.
- ☐ 2. The extension of time fee submitted is insufficient.
- ☐ 3. The funds in Deposit Account No. _____ are insufficient to cover the entire fee due. The balance is due within the time period set forth in this notice. See note below regarding the appropriate service charge.
- ☐ 4. The Credit Card payment to cover the entire fee due to Account _____ (Card type + last 4 digits ONLY) was refused. The balance is due within the time period set forth in this notice. See note below regarding the appropriate service charge.

MOOT

- ☒ 5. Other. FEE FOR EXTRA CLAIMS HAVE NOT BEEN RECEIVED
\$75.00 FOR 3 EXTRA DEPENDENT CLAIMS, \$500.00 FOR 5 EXTRA INDEPENDENT
Explanation (Provide specific details of the required correction in order to assist the applicant. Indicate whether a CLAIMS service charge has been added to the fee due):

THE AMOUNT OF THE FEE(S) DUE IS SUBJECT TO CHANGE, GENERALLY ON OCTOBER 1 OF EACH YEAR (37 CFR 1.17 & 1.21). THE AMOUNT OF THE FEE(S) DUE IS DETERMINED AS OF THE DATE A COMPLETE REPLY WITH THE APPROPRIATE FEE(S) IS RECEIVED BY THE OFFICE (37 CFR 1.8 & 1.10). BECAUSE THE AMOUNT DUE IS SUBJECT TO CHANGE, IT IS RECOMMENDED THAT APPLICANT CHECK THE CURRENT FEE SCHEDULE WHICH IS AVAILABLE ON THE USPTO'S WEBSITE AT: <http://www.uspto.gov/web/offices/ac/qs/ope/fees.htm>

Service Charges: There is a \$50 service charge for processing each payment refused (including a check returned "unpaid") or charged back by a financial institution (37 CFR 1.21(m)). There is a \$25.00 service charge for each month when the balance of a deposit account is below \$1000 at the end of the month (37 CFR 1.21(b)(2)).

Cheresa Dawkins (571) 272-1567
Technical Support Staff (TSS)

Note to TSS: Please do NOT use this notice if the application is under a final rejection.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
PATENT APPLICATION FEE DETERMINATION RECORD
Substitute for Form PTO-875
Application or Docket Number
10-716,813

CLAIMS AS FILED - PART I

(Column 1)		(Column 2)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE		RATE	FEE
BASIC FEE (37 CFR 1.16(a))				\$ _____	OR		\$ _____
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =	*	X \$ _____ =		OR	X \$ _____ =	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =	*	X \$ _____ =		OR	X \$ _____ =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			+ \$ _____ =		OR	+ \$ _____ =	
			TOTAL		OR	TOTAL	

* If the difference in column 1 is less than zero, enter "0" in column 2.

CLAIMS AS AMENDED - PART II

2.4.06 (Column 1) (Column 2) (Column 3)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
	Total (37 CFR 1.16(c))	Minus	**	=	RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
	32		29	3	X \$ 25 =	75	OR	X \$ 50 =	
	8		3	5	X \$ 100 =	500	OR	X \$ _____ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ \$ _____ =		OR	+ \$ _____ =	
					TOTAL ADD'L FEE	575	OR	TOTAL ADD'L FEE	

pd.

(Column 1) (Column 2) (Column 3)

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
	Total (37 CFR 1.16(c))	Minus	**	=	RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
					X \$ _____ =		OR	X \$ _____ =	
					X \$ _____ =		OR	X \$ _____ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ \$ _____ =		OR	+ \$ _____ =	
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

(Column 1) (Column 2) (Column 3)

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
	Total (37 CFR 1.16(c))	Minus	**	=	RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
					X \$ _____ =		OR	X \$ _____ =	
					X \$ _____ =		OR	X \$ _____ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ \$ _____ =		OR	+ \$ _____ =	
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20"
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2